REPORT NO. 77-3-20

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U.S. FOREST SERVICE
DORAVILLE, GEORGIA

REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OR SURVEY AREA: Ouachita National Forest

STATE: Arkansas and Oklahoma COUNTY:

AREA WITHIN SURVEY BOUNDARY: 985,000 acres DATE:4/18-19/77

PERCENT COVERAGE: 20% AIRCRAFT:Cessna 182 CREW: C. W. Dull
P. A. Mistretta

SURVEY OBJECTIVES: To detect forest insect and disease activity on the Ouachita National Forest. Special emphasis was placed upon delineating areas of pine mortality suspected to be caused by southern pine beetles.

SURVEY RESULTS

Infestation Size Class (No. spots and trees)

Ranger District	Singles	2-5 Spots:Trees	6-20 Spots:Trees	Total Spots:Trees
Choctaw	5	0:0	0:0	5:5
Kiamichi	4	2:5	0:0	6:9
Womble	5	2:8	0:0	7:13
Oden	5	2:7	1:8	8:20
Jessieville	8	0:0	0:0	8:8
Winona	8	2:8	0:0	10:16
Mena (North of Mena	12	1:4	1:10	14:26
				58:97

CONCLUSIONS

A large number of single red-topped pines and small spots of dead and dying pines were observed to be scattered throughout the Ouachita National Forest. These spots should be ground checked as soon as possible to determine the causal agent(s) and potential for increased timber losses.

For any additional information, Contact
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